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PREFACE.

The present Supplement and Appendix comprise entries of all works added to the Library from the printing of the 1898 Catalogue to the 31st December, 1909. In future it is proposed to print at much shorter intervals. A consolidated set of the Catalogue and Supplements will be kept in the Library on the Sheaf Catalogue or Loose-Leaf Ledger principle.

As it is not proposed to distribute or place on sale copies of future supplements, a few words of explanation are offered to users of the two published volumes.

Entries: Some imperfect entries in the 1898 Catalogue are superseded by fuller entries in the Supplement or Appendix. A certain amount of reprinting also has been admitted in the present volume to avoid the repetition of the titles of different editions of the same work when brought together in the consolidated copy of the Catalogue. Collations appear for the first time in the Supplement and Appendix. The total number of pages in a volume, and the number of unpaged plates or tables are specified, but not the number of illustrations appearing in the text.

Headings: Works containing the Author's name, initials or pseudonym are entered under these headings: Anonymous works under the first word of the title (other than an article); Departmental and State publications under the country or place name followed by the name of the Department or Office, except in the case of English Departmental publications which are entered directly under the Department, e.g. *Board of Trade, Home Office, etc.;* Society publications under the first word of the title with a reference from the place name, if contained in the title; Periodicals under the first word of the original title with references from later titles.

Subject Headings: These are confined to biographies of individuals, histories, &c. of corporate bodies, commentaries and criticisms of single works, reports of named Expeditions, Ships, &c. For the classification of subject-matter other than the above, recourse must be had to the Subject Lists in the Library Series, which is still in course of publication. A consolidated edition of these Subject Lists is kept for reference in the Library. A complete edition in slip form is also available for reference at the Central Desk in the Library.

April, 1910.

W. Temple Franks,
Comptroller-General.

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OF THE

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Editors: R. E. Liesegang, 1898-99; M. Ferrars, 1900–05; H. Spörl, 1905, *etc.*
Imprint changed: *Leipzig*, 1905, *etc.*

Amateur Photographer. Vol. 1, *etc.* *London*, 1884, *etc.* 4°. A 11 : 884.

Publication: Weekly.
History: In 1908 amalgamated with "The Photographic News." q.v.

Ambourney, L. A. d'.

—— Recueil de procédés et d'expériences sur les Teintures solides que nos végétaux indigènes communiquent aux laines et aux lainages. *Paris*, 1786. 4°. 410 pp. (33352)

—— The same. Nouv. éd. *Paris.* An 2. [1793.] 8°. 294 pp. (33353)

Ambronn, Friedr. Anton Leopold.

—— Handbuch der astronomischen Instrumentenkunde. *Berlin*, 1899. 2 vols. 8°. (26925)

Ameilhon, Hubert Pascal.

—— Mémoire dans lequel on examine s'il est prouvé que les anciens aient connu le Télescope ou les Lunettes d'approche. Ex: "Hist. de l'Acad. Roy. des Inscriptions et Belles-lettres." Tome 42. 1786. pp. 496–536. 4°. (29686)

Amenc, Léon.

—— Notes sur le Graissage des machines et la fabrication des huiles à graisser et sur le Godet Graisseur Automatique. *Clermont*, 1862. 8°. 20 pp. (28048)

American.

—— The American Family Receipt Book : consisting of several thousand most valuable receipts, experiments, *etc.* (*Cottage library.*) *London.* [Reprinted from the American edition by *Milner and Sowerby.*] 1854. sm. 8°. 448 pp. 2 pl. (30062)

American Aeronaut and Aerostatist, (The). Vol. 1, *etc.* [*St. Louis.*] 1907, *etc.* 8°. E. 60 : 907.

Publication: Monthly.
Editor: T. R. MacMechen.
Title varied. With vol. 1, No. 4, "and Aerostatist" omitted.

American Architect, *etc.*

—— "The Georgian Period," being measured drawings of Colonial work. By F. E. Wallis, *etc.* [*Boston, Mass.*] 1898–1902. 3 vols. fol. (27004)

American Association of Farmers Institute Workers.

—— Proceedings. 6th Annual Meeting, 1901, *etc.* *See* U.S. Dept. of Agriculture: *Experiment Station.* Bulletin 110, 120, 138, 154, 165, 182, 199, *etc.* J 29 : 889.

For bibliography of Proceedings 1–5 *see* above Bulletin, 110, p. 9.

American Baking Powder Association.

—— *See* Morrison, A. C. The baking powder controversy. 1904–07. 1 vol. in two. 8°. (32146)

American Bell Telephone Co. *See also* National Bell Telephone Co.

—— A description of the Telephone and of the apparatus used in connection therewith. [*South Framingham, Mass., J. C. Clark Printing Co.* (*Printer.*)] 1881. 8°. 30 pp. (36764)

American Bottler. Vol. 2, *etc.* *New York*, 1882, *etc.* 4°. K 90 : 882.

Publication: Monthly.
Title varied: "American Carbonator and American Bottler," 1888–1905; "American Bottler," 1906, *etc.*

American Carbonator, *etc.*

—— *See* American Bottler, 1888–1905. K 90 : 882.

American Catalogue. Under the direction of F. Leypoldt. *New York*, 1880, *etc.* 4° and 8°. (2412)

[A] Author and title entries of books in print and for sale July 1, 1876. Subject entries . . . July 1, 1876. (1880–81). 2 vols.
[B] Books recorded . . . July 1, 1876—June 30, 1884. (1885.) 2 pts.
[C–G] Books recorded—[C] 1884–90 (1891), 2 pts.; [D] 1890–95 (1896), 2 pts.; [E] 1896–1900 (1901), 2 pts.; [F] 1900–05 (1905); [G] 1905–07 (1908), *etc.*
Editors: [A] L. E. Jones; [B–F] R. R. Bowker.
Size: Changed from 4° to 8° in 1905.

American Ceramic Society.

—— Transactions. 1st Annual Meeting, 1899, *etc.* *Columbus, Ohio*, 1900, *etc.* 8°. K 71 : 899.

—— *See also* Seger, H. A. The collected writings of H. A. S. . . . Transl. . . . the American Ceramic Society, 1902. 2 vols. 8°. (28553)

—— A bibliography of Clays and the Ceramic Arts. By J. C. Branner. [2nd ed.] *Columbus, Ohio*, 1906. 8°. 452 pp. (37303)

American Chemical Journal. Vol. 1, *etc.* *Baltimore*, 1879, *etc.* 8°. K 1 : 879.

Publication: Monthly.
Editors: I. Remsen, 1879, *etc.*
Indexes: Decennial. 1879–88, by W. R. Orndorff; 1889–98, by J. E. Gilpin.

American Chemical Society.

—— *See also* Journal of Industrial, *etc.*, Chemistry. Issued by the A.C.S. 1909, *etc.* 4°. K 30 : 909.

—— Journal. Vol. 1, *etc.* *New York*, 1879, *etc.* 8°. K : 879.

Publication: Monthly.
Indexes: General Index, 1879–98, and to Proceedings, 1877–79 (1902).
Imprint changed: From 1893, *Easton, Pa.*

—— Proceedings. 1894, *etc.* *Easton, Pa.*, 1894, *etc.* 8°. K : 879a.

History: Issued with the "Journal" *supra*, with which it is bound for 1894–1900.

—— Chemical Abstracts. Vol. 1, *etc.* *Easton, Pa.*, 1907, *etc.* 8°. K 2 : 907.

American Dental Association.

—— Transactions, 1859, *etc.* *Cincinnati, etc.*, 1860, *etc.* 8°. H 10 : 859.

History: Prel. Meeting, 1859. 1st Annual Meeting, 1860. No meeting in 1861. In 1897 new Association formed under title of "National Dental Association," amalgamating the "Southern" and "American" Dental Associations.
Deficient: 1862–63.

American Electric and Automobile Patents Monthly. Including Air and Gas Engines, and Acoustics. Compiled by J. T. Allen. Vol. 1. Nos. 1–6 (all publ.). *Washington, D.C.*, 1902. 8°. D 52 : 902.

American Electrical Engineering Association.

—— Patented Telephony. *Chicago*, 1897. sm. 8°. 102 pp. 27 pl. (15130)

American Electrician.

—— *See* Electrical Industries, 1896, *etc.* fol. D 51/895.

—— Electrical designs, comprising instructions for constructing small motors, testing instruments, *etc.* (Reprinted from the "Amer. Electrician.") *New York*, 1901. 8°. 270 pp. (28565)

American Electrochemical Society.

—— Transactions. Vol. 1, *etc.* *Philadelphia*, 1902, *etc.* D 58 : 902

Publication: 2 vols. yearly.

American Engineer (The). Vols. 19–22. *Chicago*, 1890–91. 4 vols. fol. E 20/890.

Publication: Weekly.

American Fertilizer (The). Vol. 14, *etc.* *Philadelphia*, 1901, *etc.* J 71 : 901.

Publication: Monthly.

American Fireproofing and Cement Construction Co.

—— The De Man system of Fireproof Construction. *New York*, [1901]. sm. 8°. 80 pp. (28717)

American Gas Institute.

—— Proceedings, 1st Annual Meeting, 1906, *etc.* [*New Albany, Ind.*] 1907, *etc.* 8°. K 41 : 873a.

History: An amalgamation of the Ohio, American, and Western Gas Associations.

American Gas Light Association.

—— Proceedings. [Annual Meeting 1–33.] *New York, etc.*, 1875–1905. 22 vols. 8°. K 41 : 873.

History: Federated in 1905 with other Associations under the title of the American Gas Institute, *q.v.*
Indexes: Vol. 1–8 (1889) in Vol. 8.

American Hatter (The). Vol. 31, *etc.* *New York*, 1904, *etc.* 4°. E 90/904.

Publication: Monthly.

American Homes and Gardens.

—— *See* Scientific American, Architects' and Builders' Edition. 1905, *etc.* F 68/885.

American Institute of Architects.

—— Quarterly Bulletin. Containing an Index of Literature . . . on Architecture, *etc.*, from January, 1900. Vol. 1, *etc.* *Washington, D.C.*, 1900, *etc.* 4°. F 60 : 870a.

American Institute of Mining Engineers.

—— Transactions. Vol. 1, *etc.* *Philadelphia*, [1873, *etc.*]. 8°. G 62 : 871.

Indexes: Vols. 1–35, 1871–1904 (1907).
Imprint changed: New York, 1884, *etc.*

American International Association of Railway Superintendents of Bridges and Buildings.

—— Proceedings. Vol. 1, *etc.* *Concord, N. H.*, 1891, *etc.* F 8 : 891.

Publication : Annual.
Title changed : "Assoc. of Railway Superintendents, *etc*," 1895-1907; "Amer. Railway Bridge and Building Assoc.," 1908, *etc.*

American Journal of Pharmacy. Published under the authority of the Philadelphia College of Pharmacy. Vol. 59, *etc.* *Philadelphia*, 1887, *etc.* 8°. K 21 : 887.

Publication : Monthly.
Editors : J. M. Maisch, 1887-93; H. Trimble, 1894-98; H. Kraemer, 1898, *etc.*
Indexes : 1825-70 (1873), by H. M. Wilder; 1871-80 (1881), by J. M. Maisch; 1881-90 (1891), by H. M. Wilder.

American Journal of Railway Appliances. Vol. 7, *etc.* *New York*, 1887, *etc.* fol. F 22/887

Publication : Monthly.
Title varied : "Journal of Railway Appliances," 1892-1901; "Railway Machinery," 1902, *etc.*

American Library Association.

—— *See* LIBRARY ASSOCIATION. Cataloguing rules. Compiled by Committees of the A. L. A., and the Library Assoc. 1908. 8°. (37944)

—— *See* UNITED STATES CONGRESS (*Library*). A. L. A. Catalog., 1904. 2 vols. in one. 4°. (31179)

—— List of subject headings for use in Dictionary Catalogs. *Boston, Mass.*, 1895. 8°. 194 pp. (25153)

—— The same. 2nd ed. with Appendix containing hints on subject cataloging, *etc.* *Boston, Mass.*, 1898. 8°. 212 pp. (26554)

American Locomotive Company.

—— Large Steam and Electric Locomotives. By J. E. Muhlfeld. *New York*, [1906]. obl. 8°. 28 pp. (2200)

American Magazine of Aeronautics. Vol. 1, *etc.* *New York*, 1907, *etc.* 8°. E 60 : 907.

Publication : Monthly.
Title varied : Vol. 2, No. 2, *etc.*, "Acronautics."

American Manufacturer and Iron World. Vol. 70-78. *Pittsburg, Pa.*, 1902-06. 9 vols. sm. 4°. C 42 : 902.

Publication : Weekly.

American Men of Science. A biographical directory. Ed. J. M. Cattell. 1906. *New York*, 1906. 8°. C 38 : 906.

American Monthly Microscopical Journal. Vol. 1-23. *New York*, 1880-1902. 23 vols. 8°. H : 880.

Editors : R. Hitchcock, 1880-86; published since 1887 by C. W. Smiley.
Imprint changed : Boston, 1873; *Washington*, 1874-1902.
Indexes : Vol. 1-16, 1880-95 (1896).

American Pomological Society.

—— Catalogue of Fruits recommended for cultivation . . . by the American Pomological Society. 1897. 40 pp. *See* U.S. DEPT. OF AGRICULTURE : *Div. of Pomology.* Bulletin 6. J 29 P :

—— Revised Catalogue of Fruits recommended for cultivation in the various sections of the United States and the British Provinces. 1899. 63 pp. *Ibid. Div. of Pomology.* Bulletin 8. J 29 P :

American Railway Association.

—— *See* GENERAL TIME CONVENTION, 1894, *etc.* F 8 : 886.

American Railway Bridge and Building Association. *See* AMERICAN INTERNAT. ASSOCIATION OF RAILWAY SUPERINTENDENTS, *etc.*

American Railway Engineering and Maintenance-of-Way Association. Bulletin. Vol. 2. No. 1, *etc.* [*Chicago*], 1900, *etc.* 8°. F 8 : 900.

American School of Correspondence. *See* ARMOUR INSTITUTE OF TECHNOLOGY.

American Sewage Disposal Company.

—— Sewer building and Sewage disposal. [U.S. Patent No. 559,552.] *Boston, Mass.*, [1899]. sm. 4°. 52 pp. *Ports.* and 3 insets. (26965)

American Shipbuilder. Vol. 8-34. *New York*, 1894-1907. 26 vols. in 12. fol. F 82/894.

Publication : Weekly.

American Silk Journal.

—— A glossary of Silk terms. *New York*, [1905]. 12°. 24 pp. (31960)

American Society of Civil Engineers.

—— Catalogue of the Library. June, 1900. *New York*, [1900]. 8°. 704 pp. (27532)

American Society of Heating and Ventilating Engineers.

—— Transactions. Vol. 1, *etc.* *New York*, 1895, *etc.* 8°. F 52 : 895.

Publication : Annual vol.

American Society of Irrigation Engineers.

—— Transactions, *etc.* Vol. 1-2. *Denver, Col.*, 1894-97. 2 vols. 8°. J 73 : 892.

Publication : Vol. 1, Annual vol.; vol. 2, No. 1-2 Jan.-April, 1895; No. 3, Jan. 1897.

American Society of Mechanical Engineers.

—— Transactions. Vol. 1, *etc.* *New York*, 1880, *etc.* 8°. E 30 : 880.

Indexes : Vol. 1-20, 1880-99. (1899.)

—— Committee on Boiler tests. Report. *See* POOLE, H. The calorific power of Fuels . . . Appended, the Report of the Committee on Boiler tests of the American Soc. of Mech. Engineers. (Dec. 1897). 1898. 8°. (25356)

—— Report of the Committee on the revision of the Society Code of 1885, relative to a standard method of conducting Steam-boiler trials. With Discussion. Ex : "Trans. Am. Soc. of Mech. E." Vol. 21. 1899. pp. 33-138. 8°. (29338)

American Street and Interurban Railway Association. *See* AMERICAN STREET RAILWAY ASSOCIATION. Reports. 1906, *etc.*

American Street Railway Association. Report 1, *etc.* *Brooklyn.* 8°. F 30 : 882.

Publication : Annual.
Title changed : "Amer. Street and Interurban Railway Assoc.," 1906, *etc.*

American Telephone Journal. Vol. 17, (No. 5).—Vol. 18, (No. 9). *New York*, 1908, *etc.* 4°. D 60 : 908.

Publication : Weekly.
History : Incorporated "Sound Waves," on Feb. 22nd, 1908. Amalgamated with "Telephony."

Ames, T. L., *Lieut. U.S.A.*

—— The granulation of Smokeless Powder for Cannon. 1902. 7 pp. *See* U.S. War Dept. Notes on Ordnance. 85. F 92 : 863c.

Amichevoli, Costanzo, *pseud.*, [*i.e. Francesco Eschenardi*].

—— Architettura civile. *Terni*, 1675. 4°. 52 pp. (36248)

—— Architettura militare. *Roma*, 1684. 4°. 56 pp. (36249)

Amiot, Joseph, *Père.*

—— *See* Art militaire des Chinois. Trad. [J.] A. 1772. 4°. (35345)

Amongst.

—— Amongst Machines. By the author of "The Young Mechanic" [*i.e.* Rev. J. Lukin]. *London, Trübner & Co.*, 1876. 8°. 344 pp. (35835)

—— The same. 3rd ed. *London, Trübner & Co.*, 1891. sm. 8°. 344 pp. (19109)

Reprint of 1st ed.

Amoretti, Carlo.

—— Instruction sur la culture et l'usage des Pommes de terre. Trad. de l'Italien par C. L. M. Dorfeuille. *Niort*, 1807. sm. 8°. 62 pp. 1 pl. (35172)

—— Memorie storiche su la vita gli studi e le opere di Lionardo da Vinci. Si aggiungona le Memorie intorno alla vita del B. Oltrocchi, dal P. Cighera. *Milano*, 1804. 2 pts. 8°. (32443)

Amos, Andrew.

—— Lectures . . . on the Law relating to Patents. *See* Smith, J. W. An epitome of the law relating to Patents. 1836. Appendix 4. pp. 103–126. 12°. (1363)

Amoudruz, J. F.

—— Nouvel emploi de l'Écobuage, désinfection instantanée de toute putréfaction, *etc.* Ex: "Annales de la Chambre roy. d'agriculture de la Savoie," 1844. pp. 247–287. 8°. (34840)

Ampère, André Marie.

—— Eulogy on Ampère. By [D. F. J.] Arago. 1872. *See* Smithsonian Inst. Report. 1872. pp. 111–171. B 13 S : 847.

Amrine, T. H.

—— Comparative tests of carbon, metallized carbon, and tantalum filament Lamps. 1907. 44 pp. *See* Illinois Univ.: *Engineering Expt. Station.* Bulletin 19. E 12 : 904.

—— Lighting country homes by private Electric Plants. 1908. 36 pp. *Ibid.* Bulletin 25. E 12 : 904.

Amson, Georges.

—— Brosserie, Maroquinerie, Tabletterie et Vannerie. 1902. *See* Paris Univ. Exhibition, 1900. Rapports du Jury International. Classe 98. pp. 5–118. 8°. (29967)

Amsterdam Universal Exhibition, 1883.

—— [Rapport.] *See* Grandes Usines. Tome 15. [Liv. 288–98.] 176 pp. C 43 : 860.

Amstutz, N. S.

—— Handbook of Photoengraving. An enlargement and revision of Jenkins' "Manual of photoengraving." With chapters on . . . half-tone colorwork, by F. E. Ives and S. H. Horgan. 3rd ed. *Chicago*, 1907. 8°. 440 pp. 7 pl. (36411)

Amy, Joseph, *Advocate.*

—— Nouvelles Fontaines domestiques, approuvées par l'Académie Royale des Sciences. [ii. Question de médecine. iii. Avis au public sur l'usage des nouvelles fontaines domestiques et de santé.] *Paris*, 1750. 3 pts. 12° (34659)

—— Reflexions sur les Vaisseaux de cuivre, de plomb et d'étain, et division de l'extrait du livre intitulé "Nouvelles fontaines domestiques," *etc. Paris*, 1752. 2 pts. 12°. (34802)

Anales de Construcciones civiles, minas e industrias del Peru, publicados por la Escuela de Ingenieros de Lima. Tomo 2–6. 2ª Serie. Tomo 1, *etc. Lima*, 1882, *etc.* 8°. B 82 : 882.

Deficient: All pub. between 1887 and 1901.

Analyst (The). A monthly journal of Science, Literature, and the Fine Arts. Vol. 1–10. *London*, 1834–40. 10 vols. 8°. A 40 : 834.

Published: Quarterly from 1835.
Editors: W. Holl and N. Wood, 1837, vol. 6; W. H. and E. Mammatt, 1837, vol. 7; E. M., 1838–40.

Analyst (The), including the Proceedings of the Society of Public Analysts. Vol. 1, 1875, *etc*, *London*, 1876, *etc.* 8°. K 18 : 875.

Published: Monthly.
Editors: G. W. Wigner, and J. Muter, 1877–83; J. Muter, 1884–1890; later by Editorial Committee.
Indexes: Vol. 1–20, 1877–95, (1897); 21–30, 1896–1905, (1906). By J. C. Welch.
Imperfect: Vol. 1 wants No. 3, 4, 6, 7, 9, 10, 11.

Anbau.

—— Ueber den Anbau der Runkelrübe, und die Einrichtung der Runkelrüben-Zuckerfabriken. *Prag, G. Haase Söhne*, 1834. 8°. 46 pp. (37451)

Ancellin, Constant François.

—— Traité pratique sur la filature du Lin et du Chanvre. 3e éd. *Paris*, [186 ?]. 8°. 148 pp. (38156)

Ancona, Ugo.

—— Graphische Theorie der Otto-Gasmaschine. 1895. *See* Ver. zur Beförderung des Gewerbfleisses: Verhandlungen. Jahrg. 74. pp. 333–368. 4°. B 67 P :

Andersch, Louis. [Andersch Bros.]

—— Hunters and Trappers guide, illustrating the fur-bearing animals of North America. 2nd ed. *Minneapolis*, 1906. 8°. 438 pp. portr. (34116)

Anderson, *Miss* A. M.

—— *See* Home Office. Tinning of metals. Special report . . . by A. M. A., *etc.* 1907. fol. (35551)

Anderson, B. G.

—— Improvement of Virginia fire-cured Tobacco. By G. T. McNess and others. 40 pp. 6 pl. *See* U.S. Dept. of Agriculture: *Bureau of Soils.* Bulletin 46. J 29 S :

Anderson, D. H.

—— The Primer of Irrigation. *Chicago*, [1905]. sm. 8°. 258 pp. 16 pl. (32861)

Anderson, Frederic Alfred.

—— Boiler feed water. ("*Electrician*" *Series.*) *London*, [1909]. 8°. 166 pp. (37848)

Anderson, Geo. Lucius, *Major U.S. Artillery.*

—— Electricity and its applications in Artillery practice. 1893. 66 pp. *See* U.S. War Dept. *Adjutant-General's Office.* Artillery Circular. C. 4°. F 92/893.

Anderson, Geo. Lucius—*cont.*
—— Handbook for the use of electricians, in the operation and care of Electrical machinery and apparatus of the U.S. seacoast defenses. *New York*, 1902. 8°. 162 pp. 25 pl. (28610)

Anderson, J. A.
—— *See* Richtmann, W. O., and Anderson, J. A. Spirit of nitrous ether, *etc.* 1900. 8°. (33661)

Anderson, James, *Ll. D., F.R.S.*
—— *See* Recreations in Agriculture, *etc.* Ed. J. A. 1799–1802. 6 vols. 8°. J 5 : 799.

Anderson, James, *C.E.*
—— Report relative to a design for a Chain bridge, proposed to be thrown over the Firth of Forth at Queensferry. *Edinburgh*, 1818. 4°. 32 pp. (32570)
Wants engraved plate.

Anderson, *Sir* John, *C.B., F.R.S.*
—— Description of the machinery used in the manufacture of Cannon at the Royal Arsenal, Woolwich. 1845. *See* Roy. Engineers, *Corps of.* Papers. Vol. 8. pp. 42–60. 7 pl. F 90 : 844.
—— Report on Machine Tools. 1868. *See* Paris Univ. Exhibition, 1867, *British Comm.* Reports. Vol. 4. pp. 357–382. 8°. (13626)
—— Report on Machine Tools, Textile, and other Machinery. 1874. *See* Vienna Univ. Exhibition, 1873, *British Comm.* Reports. Part 2. pp. 5–110. 8°. (16762)

Anderson, John Wemyss.
—— Refrigeration. *London*, 1908. 8°. 252 pp. 4 pl. (36351)

Anderson, John Wm.
—— The Prospecter's handbook. 2nd ed. *London*, 1887. sm. 8°. 132 pp. (20445)
—— The same. 9th ed. *London*, 1902. sm. 8°. 188 pp. (28424)

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—— Photo-mechanical processes and guide to color work. *New York*, 1896. sm. 8°. 182 pp. 9 pl. (26009)

Anderson, Robert.
—— Geology and oil resources of the Santa Maria oil district . . . California. By R. Arnold and R. A. 1907. 162 pp. 26 pl. *See* U.S. Geol. Survey. Bulletin 322. G 30 : 883.
—— Preliminary report on the Coalinga Oil District, Fresno and Kings Counties, California. By R. Arnold and R. A. 1908. 142 pp. 1 map. *Ibid.* Bulletin 357. G 30 : 883.

Anderson, Robert H.
—— Hydrography of the Susquehanna River drainage basin. By J. C. Hoyt and R. H. A. 1905. 215 pp. 29 pl. *See* U.S. Geol. Survey. Water-supply, *etc.*, Paper. 109. G 30 : 899.

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—— Elements of Agricultural Chemistry. *Edinburgh*, 1860. sm. 8°. 308 pp. (31733)
—— Report on Phospho-guano. *See* Lawson, P., and Son. Phospho-guano, *etc.* 1863. 8°. (13705)

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Anderson, *Sir* Wm., *K.C.B.*
—— On the Conversion of Heat into Work. A practical handbook on heat-engines. (*Specialists' Series.*) *London*, 1887. 8°. 260 pp. (20229)

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—— The same. 4th ed. *Ibid. London*, 1901. sm. 8°. 274 pp. 2 pl. (28395)
—— Hydro-pneumatic gear for Siege and Heavy Ordnance. 1884. *See* Roy. Engineers, *Corps of.* Prof. Papers. Vol. 10. pp. 233–74. 10 pl. F 90 : 844
—— The same. (Reprinted 1890.) 33 pp. 10 pl. *See* U.S. War Dept : *Ordnance Bureau.* Notes, *etc.* 55. F 92 : 863e.
—— Machinery. *See* Society of Arts. Colonial and Indian Exhibition, 1886. Reports. pp. 476–490. 1887. 8°. (9473)

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—— Railway apparatus. *See* Paris Univ. Exhibition, 1878, *U.S. Comm.* Reports. Vol. 4. pp. 417–469. 13 pl. 1880. 8°. (33125)

Anderson, Wm. Carrick.
—— *See* Simmersbach, O. The Chemistry of Coke. Trsl. W. C. A. 1899. sm. 8°. (26641)

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—— *See* Newcastle-on-Tyne (*Public Library*). [Author] Catalogue of the books, *etc.*, on pure mathematics . . . by B. A., *etc.* 1901. sm. 4°. (32837)

Andés, Louis Edgar.
—— Animal Fats and Oils, their practical production, purification . . . properties, falsification, and examination. Trsl. C. Salter. *London*, 1898. 8°. 252 pp. (25389)
—— Die Beseitigung des Staubes auf Strassen und Wegen, in Fabriks-und gewerblichen Betrieben und im Haushalte. (*Chem.-techn. Bibl.*) *Wien*, 1908. sm. 8°. 326 pp. (37260)
—— Blattmetalle, Bronzen und Metallpapiere, deren Herstellung und Anwendung. (*Ibid.*) *Wien*, 1902. sm. 8°. 334 pp. (28192)
—— Drying Oils, boiled Oil, and solid and liquid Driers. *London*, 1901. 8°. 356 pp. (27633)
—— Der Eisenrost, seine Bildung, Gefahren und Verhütung unter besonderer Berücksichtigung der Verwendung des Eisens als Bau-und Constructionsmaterial. (*Chem.-techn. Bibl.*) *Wien*, 1898. sm. 8°. 300 pp. (25805)
—— Iron corrosion, anti-fouling and anti-corrosive Paints. From the German by C. Salter. *London*, 1900. 8°. 284 pp. (27041)
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—— The same. 2te Aufl. (*Ibid.*) *Wien*, 1895. sm. 8°. 520 pp. (26718)
—— Die Fabrikation der Papiermaché- und Papierstoff-Waaren. (*Ibid.*) *Wien*, 1900. sm. 8°. 382 pp. (26881)
—— Die Fabrikation der Stiefelwichse und der Leder-Conservirungsmittel. (*Ibid.*) *Wien*, 1893. sm. 8°. 274 pp. (23204)
—— The same. 2te Aufl. (*Ibid.*) *Wien*, [1905]. 1906. sm. 8°. 310 pp. (31562)
—— Das Gasglühlicht und die Herstellung der Glühstrümpfe . . . sowie Darstellung der Glühlichtlampen für flüssige Brennstoffe, nebst einem Anhang über die einschlägigen Patente aller Länder. *Leipzig*, 1902. 8°. 186 pp. (28459)
—— Die Harzprodukte. Gewinnung und Verarbeitung der Rohterpentine zu Terpentinöl und Kolophonium, *etc.* (*Chem.-techn. Bibl.*) *Wien*, 1905. sm. 8°. 432 pp. (31129)

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Biringoccio, V. *See* BIRINGUCCIO, V.

Hemridge, Berkshire

3 Oct 1923

Dear Holme

Eden's 'Decades' contains a translation of a part of Bourgeois's dealing with gold and silver. The title of the book is - 'The Decade of the new Worlde - - written in the Latin tonge by Peter Martyr of Angleria & translated into Englishe by Richarde Eden 1555.

- at p 326r he says - 'And whereas as concerninge the knowleage of Metals I was once minded to have translated into English the hole woorke of Agricolaus Whereof I have finyshed XXII chapiteres now more then three yeres sence and left the Copie thereof on the landes of one of whom I could neuer get it ageyne - ——

'I have eqan translated three of the first chapiteres of that booke'

Then from p 326v. to 343r the pages are headed "Of the generation of metalles' - no illustrations

At Hastings I had very good weather. On Sunday we went to Winchelsea & Rye and back by an inland route. Visiting the site of Bradley Manor. On Monday went to Robertsbridge & Battle - but failed to get any information in regard to Berhurst. On Tuesday I called at Lewes - Mr Every was away, but his collection is a most remarkable one - worthy of a visit from the Newcomen Soc.

It is raining here this morning & rather cold

Hope good progress is being made with the house

Yours

Alfred Jenkins

Biringuccio, Vanoccio.
—— De la Pirotechnica. Libri X., dove ampiamen te si tratta non solo di ogni sorte et di diversita di miniere, ma anchora quanto si ricerca intorno à la prattica di quelle cose di quel che si appartiene à l'arte de la fusione ouer gitto de metalli, *etc.* [*Venetia, per V. Roffinello. Ad instantia di Curtio di Nauo & Fratelli.*] 1540. 4°. 176 ll. (36491)
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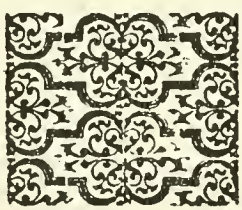

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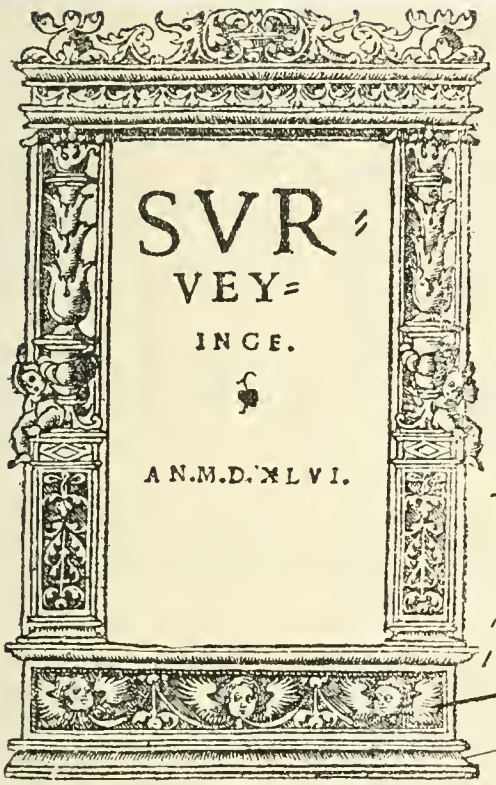

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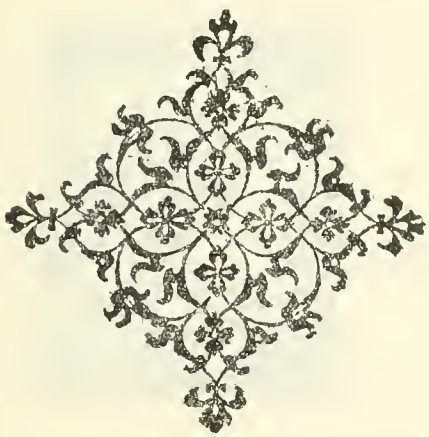

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Muybridge (originally "Muggeridge"), a native of Kin[gston on] Thames, after his early emigration to America became the p[ioneer in] the study of animal locomotion. His earliest experiments w[ere] to prove that a trotting horse had sometimes all four feet off th[e ground]. He made further experiments at Sacramento and Palo Alto [in Cali]fornia and in 1881 invented his famous "Zopraxiscope," [the] first scientifically produced instrument to show movements [and] finally photographed on a screen. Muybridge devoted his life to thes[e studies] together with Marey, who experimented in Paris on the same [lines] as a result he published at the charge of the University of Pen[nsylvania] the present immense work. It contains more than 2000 figure[s of] men, women, children, animals, and birds in movement. Mu[ybridge's] researches led directly to the invention of the cinematog[raph in] conjunction with Dr. Marcy's invention of the Celluloid r[oll] film. Owing to the enormous cost of production only very few sets of th[e present] work were issued and in 1889 a few of the more important pl[ates were] published in a small format in 8vo size. As far as we can find [, only] one other complete set of this work has been offered in Englar[d within] recent times.

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Publication : Monthly.
Editors : H. S. and C. W. Ward, 1894, *etc.*
Title varied : "Process Photogram." 1895–1906. Issued in two sections, (1) "Process Engraver's Monthly" ; (2) "Photographic Monthly," 1907, *etc.*
Annual Supplement : "Photograms of the Year" 1895, *etc.* (1895–98 wanting.)

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Editor : A. C. Brookes.
Deficient : 1906, last published.

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Editors : J. T. Taylor, 1881–85 ; W. I. L. Adams, 1886–93 ; W. E. Woodbury, 1895–1901 ; C. F. Chandler, 1902 ; C. F. C. and S. B. Hord, 1903 ; C. F. C., W. I. L. Adams, and S. B. H., 1904 ; W. I. L. A. and S. B. H., 1905 ; W. I. L. A. and C. H. Plump, 1906, *etc.*
Size varied : 4° Series, 1885–1900.

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Publication : Monthly.
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Publication : 104 Nos. yearly.
Editor : A. Miethe, 1899, *etc.*
History : Forms a supplement to the "Atelier des Photographen" and the "Zeitschrift für Reproduktionstechnik."
Supplements : (1) Nachrichten des Rechtsschutz-Verbandes des D. Photographen ; (2) Handwerks Kammer-Nachrichten f. d. Photographen-gewerbe.

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History : Organ of the Photogr. Ver. zu Berlin.

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Title varied : "Fortschritte der Chemie, Physik und physikal. Chemie," 1909, *etc.*

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Editors : F. Neesen, 1884–85 ; E. Rosochatius, 1886–87 ; E. R. and A. König, 1888 ; A. K., 1889–1901 ; K. Scheel, 1902, *etc.*
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Indexes : Name index 1882–98 (1904).

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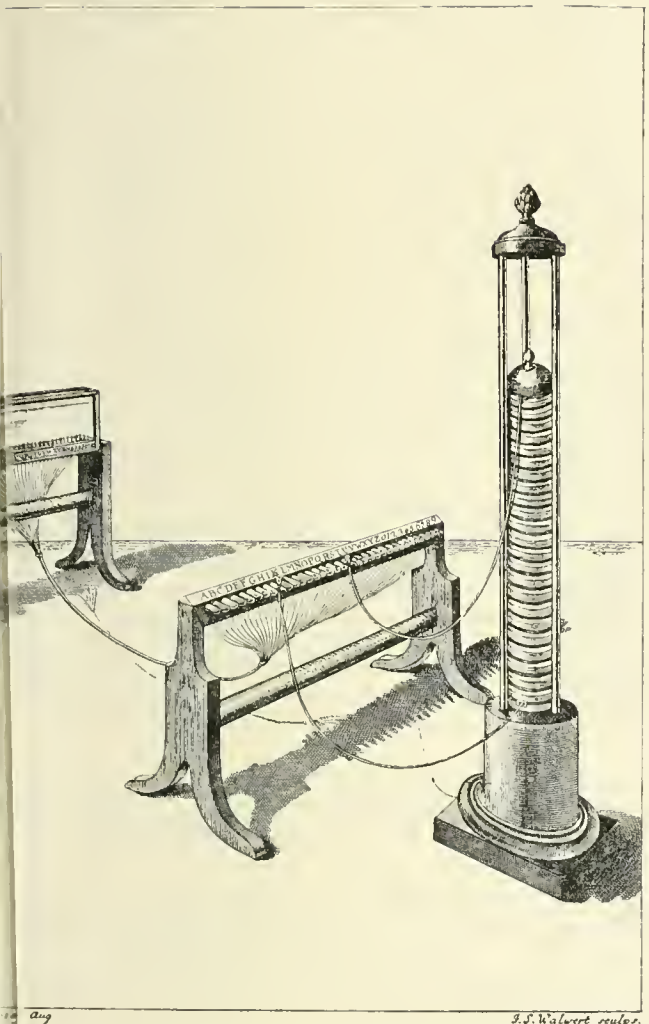

VITION OF THE ELECTRIC TELEGRAPH. (See No. 226).

THE INVENTION OF THE TELEGRAPH.

226 *SOEMMERRING, SAMUEL THOMAS.* Uber einen electrischen Telegraphen. Munich, 1811. 4to. 14 pp. With two plates. Sewn. £7.10.

Wheeler Gift catalogue, 709.

Original edition. In July, 1809, Soemmerring (1755-1830), the well known physician and anatomist, invented the electrochemical telegraph. He read a paper on it on August 28th, 1809, and produced his apparatus, which is now in the "Deutsche Museum," Munich. One of the plates illustrates that apparatus.

SEE REDUCED REPRODUCTION OPPOSITE.

233 *SURGEONS AND PHYSICIANS IN FRANCE.* Ordin
XV. delivering the surgeons from further association with the phys
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Memoire pour les Doyen et Docteurs de la Faculté de Médecin
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Lettre d'un Chirurgien de Paris a un Chirurgien de Province. 17
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Reponse de la Communauté des Chirurgiens de Lyon. (About 1
—Le Jugement du Procés des Medecins et des Chirurgiens. 17
Statuts et Reglemens pour les Chirurgiens des Provinces. . . . 1
etc.

A collection of 40 printed documents dealing with the emanci
French surgeons in the XVIIIth century. 1732-1775. Bound
vols (one of which has the exlibris of: C. Ballyat, Chirurgus), calf

This collection embraces the chief ordinances and documents of the Fr
declaration of independence. Louis XV was inspired to make this mo
Peyronie (1678-1747), the eminent Montpellier surgeon and founder of t
Surgery.

A most interesting discussion on the value of anatomy for surgeons and
with quotations from Lower, Harvey, Paré, etc., is to be found in an an
phlet of this collection (Lettre d'un Chirurgien de Paris à un Chirurgi
contenant un Rêve singulier, 1748).

A good number of the documents deal with the same controversy betwe
and obstetricians at Lyons and elsewhere which took place at about the s

(2) Försök med Blyerts, Plumbago. 1779. 8 pp. Sewn.
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Indexes: 1889–1901, (1903.)

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(*Bureau of Forestry.*)

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— — Bulletin. No. 1, *etc.* *Washington*, 1887, *etc.* 8°. and 4°. J 29 Fo : a

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History: Reprinted from Reports of the Dept. of Agriculture.

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— — Circulars. No. 1. *Washington*, 1897. 8°. J 29 G :

(*Office of Irrigation Inquiry.*)

— — Bulletin. No. 1. *Washington*, 1893. J 29 I :

History: Office abolished in 1896.

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— — Bulletin. No. 1, *etc.* *Washington*, 1894, *etc.* 4°. and 8°. J 29 L :

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History: Renamed "Div. of Biological Survey." *q.v.*

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(*Div. of Pomology.*)

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History: Amalgamated with the "Bureau of Plant Industry." July, 1901, *q.v.*

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— — Circulars. No. 14, *etc.* *Washington*, 1894, *etc.* 8°. J 29 R : a

(*Office of the Secretary.*)

— — Circulars. No. 2, *etc.* *Washington*, 1905, *etc.* 8°. J 29 Sec :

(*Bureau of Soils.*)

— — Bulletin. No. 1, *etc.* *Washington*, 1895, *etc.* 8°. J 29 S :

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(*Bureau of Statistics.*)

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(*Div. of Vegetable Physiology and Pathology.*)

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Editors: J. W. Powell, 1880–93; C. D. Walcott, 1894–1905.

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Publication: Annual.
Editors: A. Williams, 1882–84; D. T. Day, 1885–1905.
History: Issued as part of the "Annual Reports of the U.S. Geol. Survey," 1894–99; as independent publication, 1900, *etc.* For reports for 1866–72 see *U.S. Comm. of Mineral Statistics*, above.
Deficient: 1900–01.
Indexes: 1882–90 (in 1889–90).

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Deficient: No. 22, 23, 28.

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Indexes: Hydrographic Progress Reports, 1888–1903, in Paper No. 119; Underground Waters, 1879–1904, in Paper No. 120.
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— — Annual Reports. 1872, *etc.* *Washington*, 1873, *etc.* 8°. F 88 : 873

History: Issued by the Treasury Dept., 1873–1902; by the Dept. of Commerce and Labour, 1903, *etc.*
Deficient: 1880–81.

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(*Bureau of Navigation.*)

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Title varied: Navy Professional Papers, 1883–88.

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No. 28. Report of Board of Engineer Officers on testing hydraulic cements. 1901. 8°. 38 pp. (28012)
„ 31. Wave action in relation to engineering structures. By D. D. Gaillard. 1904. 8°. 232 pp. 38 pl. (30859)

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— — Bulletins on the Rubber-producing capacity of the Philippine Islands. *Washington*, 1907. 8°. 44 pp. 46 pl. (36022)

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(*Ordnance Bureau.*)

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Deficient: 1870–89 inclusive.

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„ [iii]. Property returns division. 1863.
„ iv. Laws . . . relating to the Ordnance Dept. 1794–1863. 1863.
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Universal Provider, (The), *etc.* A journal for buyers and dealers in metals, machinery, *etc.* Vol. 1–14. *London*, 1899–1905. 14 vols. 4°. C 60 : 899

Publication: Weekly.

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